

Title (en)  
SURGICAL TOOL HANDLE ASSEMBLY

Title (de)  
GRIFFANORDNUNG FÜR EIN CHIRURGISCHES WERKZEUG

Title (fr)  
ENSEMBLE DE POIGNÉE D'OUTIL CHIRURGICAL

Publication  
**EP 3613367 C0 20230823 (EN)**

Application  
**EP 19193256 A 20190823**

Priority  
US 201862722458 P 20180824

Abstract (en)  
[origin: EP3613367A1] A handle assembly is disclosed for firmly holding a surgical tool. The handle assembly comprises a handle and a locking mechanism attached to the handle. The locking mechanism includes a locking ring, a collet, and a compressible locking pin engageable with the locking ring and collet. The locking ring is moveable between first and second positions relative to the handle. The first position is an unlocked position whereby the locking pin is in a decompressed state relative to the locking ring and the collet. In the first position, a surgical tool may be inserted and withdrawn from the collet of the locking mechanism. The second position is a locked position whereby the locking pin is in a compressed state relative to the locking ring and the collet. In the second position, a surgical tool is anchored in the collet of the locking mechanism.

IPC 8 full level  
**A61B 17/16** (2006.01)

CPC (source: EP US)  
**A61B 17/00** (2013.01 - US); **A61B 17/1604** (2013.01 - EP US); **A61B 17/1613** (2013.01 - US); **A61B 17/162** (2013.01 - EP US); **A61B 17/1675** (2013.01 - US); **B23B 31/20** (2013.01 - US); **A61B 2017/00367** (2013.01 - US); **A61B 2017/0046** (2013.01 - EP); **A61B 2017/00469** (2013.01 - US); **A61B 2017/00473** (2013.01 - US); **A61B 2017/00477** (2013.01 - US); **A61B 2560/0431** (2013.01 - US); **B23B 2231/2005** (2013.01 - US)

Cited by  
US11154306B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)  
**EP 3613367 A1 20200226; EP 3613367 B1 20230823; EP 3613367 C0 20230823**; US 11154306 B2 20211026; US 2020060693 A1 20200227; US 2022039807 A1 20220210

DOCDB simple family (application)  
**EP 19193256 A 20190823**; US 201916549896 A 20190823; US 202117451665 A 20211021